

Abstract

REESTABLISHING CONNECTIONS WHEN A BLOCK/DEVICE AT ONE END IS RE-INITIALIZED

5 Reestablishing connections when a block/device at one end is re-initialized. The
data elements necessary for reestablishing a connection at both ends may be stored in a
third device. When a block/device at one end is re-initialized, additional data elements
necessary for reestablishing connection may be received from the re-initialized block, and
all the data elements may be used to re-establish the connection. In an embodiment
10 implemented in the context of a control system, a supervisory control station stores image
of the various intermediate objects used in both end devices (at which ends of a
connection terminate), receives parameters which identify changes when an end device is
re-initialized, and makes changes to the stored intermediate objects. The changed objects
are downloaded to the respective end devices to reestablish the connection.